

Abstract of the Disclosure:

A method for checking for line faults in a bus system, which has at least two bus subscribers connected for data communication with one another to a data bus having at least two bus lines, includes the bus subscribers being able to assume recessive and dominant states, and internal high and low potentials being available in the bus subscribers. A check for a line fault is carried out by the bus subscriber that is in the dominant state and a check for line faults is carried out by comparison of voltage levels on the bus lines with threshold values that are related to the internal high level or to the internal low level of the bus subscriber. The invention also relates to a bus system in which at least one bus subscriber has a device for fault identification in order to carry out one of the methods of the invention.

GLM/kf